

| Tissue Category | Clone Count | Found in | Abs Abund | Pct Abund |
|-------------------------|------------------------|-----------------|----------------------|----------------------|
| Cardiovascular System | 266190 | 0/68 | 0 | 0.0000 |
| Connective Tissue | 144645 | 0/47 | 0 | 0.0000 |
| Digestive System | 501101 | 3/148 | 3 | 0.0006 |
| Embryonic Structures | 106713 | 0/21 | 0 | 0.0000 |
| Endocrine System | 225386 | 2/53 | 2 | 0.0009 |
| Exocrine Glands | 254635 | 1/64 | 1 | 0.0004 |
| Reproductive, Female | 427284 | 2/106 | 2 | 0.0005 |
| Reproductive, Male | 448207 | 28/114 | 43 | 0.0096 |
| Germ Cells | 38282 | 0/5 | 0 | 0.0000 |
| Hemic and Immune System | 680277 | 2/159 | 3 | 0.0004 |
| Liver | 109378 | 1/35 | 2 | 0.0018 |
| Musculoskeletal System | 159280 | 2/47 | 3 | 0.0019 |
| Nervous System | 955753 | 9/198 | 12 | 0.0013 |
| Pancreas | 110207 | 1/24 | 2 | 0.0018 |
| Respiratory System | 390086 | 6/93 | 9 | 0.0023 |
| Sense Organs | 19256 | 0/8 | 0 | 0.0000 |
| Skin | 72292 | 0/15 | 0 | 0.0000 |
| Stomatognathic System | 12923 | 0/10 | 0 | 0.0000 |
| Unclassified/Mixed | 120926 | 1/13 | 1 | 0.0008 |
| Urinary Tract | 279062 | 2/64 | 2 | 0.0007 |
| Totals | 5321883 | 60/1292 | 85 | 0.0000 |

TABLE 1

| <u>Library ID</u> | <u>Clone Count</u> | <u>Library Description</u> | <u>Abs Abund</u> | <u>Pct Abund</u> |
|-------------------|--------------------|-----------------------------------|------------------|------------------|
| PROSNOT19 | 3679 | prostate, AH, mw/adenocA, M | 4 | 0.1087 |
| PROSTUT18 | 2201 | prostate tumor, adenocA, 68M | 2 | 0.0909 |
| PROETMP06 | 1157 | prostate, PIN, mw/cancer, M | 1 | 0.0864 |
| PROSNOT26 | 3705 | prostate, mw/adenocA, 65M | 3 | 0.0810 |
| PROSDIT01 | 3873 | prostate, AH, mw/adenocA, 58M | 3 | 0.0775 |
| PROSTUS20 | 4550 | prostate tumor, adenocA, 59M, SUB | 3 | 0.0659 |
| PROSTUT04 | 8553 | prostate tumor, adenocA, 57M | 3 | 0.0351 |
| PROSNOT20 | 2995 | prostate, AH, mw/adenocA, 65M | 1 | 0.0334 |
| PROSTUT21 | 3268 | prostate tumor, adenocA, 61M | 1 | 0.0306 |
| PROSTUS19 | 4087 | prostate tumor, adenocA, 59M, SUB | 1 | 0.0245 |
| PROSTUT12 | 7138 | prostate tumor, adenocA, 65M | 1 | 0.0140 |
| PROSNOT06 | 8829 | prostate, AH, mw/adenocA, 57M | 1 | 0.0113 |

TABLE 2

| mean log2 DE (Cy5/Cy3) | CV% | Cy3 | Cy5 |
|---------------------------|-------|---------------------------------|--|
| 1.82 | 0 | Human, PREC Cells, Starved 24hr | Human, LNCaP Line, Starved 24hr, CA |
| 3 | 0 | Human, PREC Cells, Starved 24hr | Human, LNCaP Line, Starved 24hr, CA |
| 1.86 | 0 | Human, PREC Cells, Starved 24hr | Human, LNCaP Line, Rich media 24hr, CA |
| 3.02 | 0 | Human, PREC Cells, Starved 24hr | Human, LNCaP Line, Rich media 24hr, CA |
| 2.5 | 12.45 | Human, PREC Cells | Human, LNCaP Line, CA |

TABLE 3